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Engineering and Design
ARCH DAM DESIGN

1. **Purpose.** This manual provides information and guidance on the design, analysis, and construction of concrete arch dams.
2. **Applicability.** This manual applies to HQUSACE elements, major subordinate commands, districts, laboratories, and field operating activities (FOA) having civil works responsibilities.
3. **Discussion.** This manual provides general information, design criteria and procedures, static and dynamic analysis procedures, temperature studies, concrete testing requirements, foundation investigation requirements, and instrumentation and construction information for the design of concrete arch dams.

FOR THE COMMANDER:



WILLIAM D. BROWN
Colonel, Corps of Engineers
Chief of Staff